



revvity



QUICK START GUIDE

Bead Ruptor Elite™ High Throughput Tube Carriage

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Document Number: 03-231EHT

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This product has been engineered for safety; however, basic safety precautions and common sense must always be demonstrated when using any electrical product.

- Use this product only for its intended purpose.
- Keep this product away from heated surfaces.
- **DO NOT** attempt to modify any part of this product.
- **DO NOT** allow the machine to be submerged in any liquid.
- **DO NOT** use in any setting other than an indoor laboratory.
- **DO NOT** use attachments not recommended by the manufacturer.
- **DO NOT** operate the product if it is damaged in any way.
- **DO NOT** operate the product with the safety ground disconnected.
- **DO NOT** modify the plug or cord that is provided.

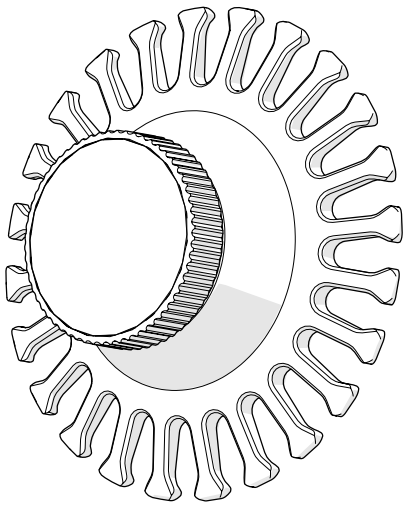
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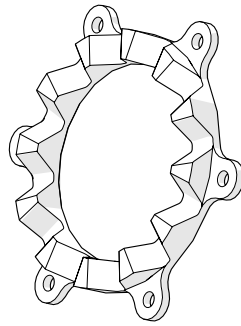
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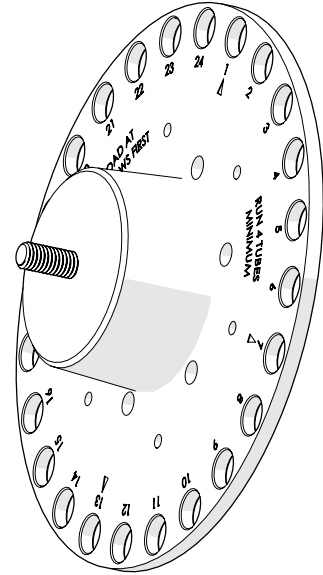
The High Throughput Tube Carriage kit consists of the following:



HT Finger Plate



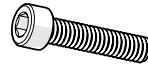
HT Locking Ring



2 mL HT Hub



10-32 x .3125 Screw
Qty - 6



8-32 x .75 Screw
Qty - 6



Allen Key 1/8



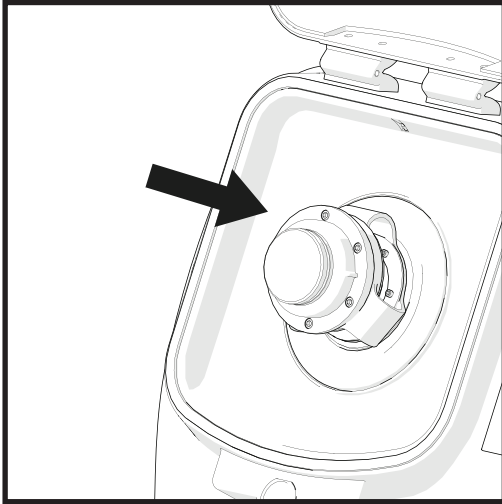
Allen Key 9/64



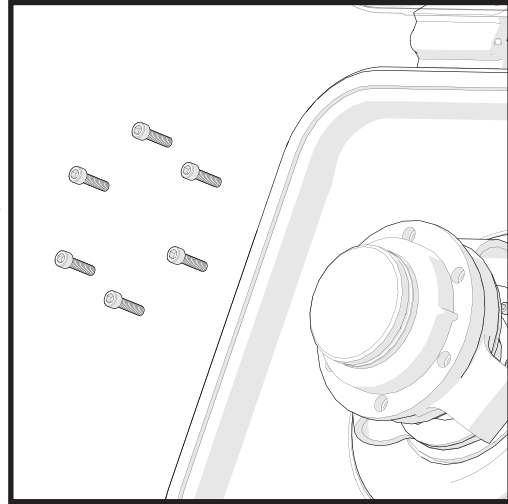
Loctite

| Description | Part Number | Quantity |
|---------------------|-------------|-----------|
| 2 mL HT Hub | 1 | 19-360-02 |
| HT Locking Ring | 1 | 19-366 |
| HT Finger Plate | 1 | 19-360-01 |
| 10-32 x .3125 Screw | 6 | 00-719-04 |
| 8-32 x .75 Screw | 6 | 00-719-06 |
| Loctite | 1 | N/A |
| Allen Key 1/8 | 1 | 60241 |
| Allen Key 1/64 | 1 | 00-425 |
| User Manual | 1 | 03-231EHT |

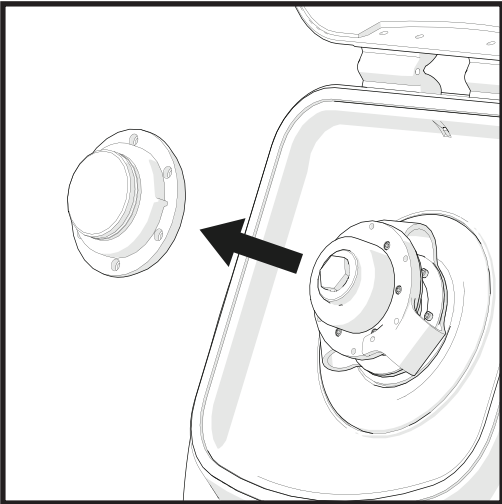
Installation



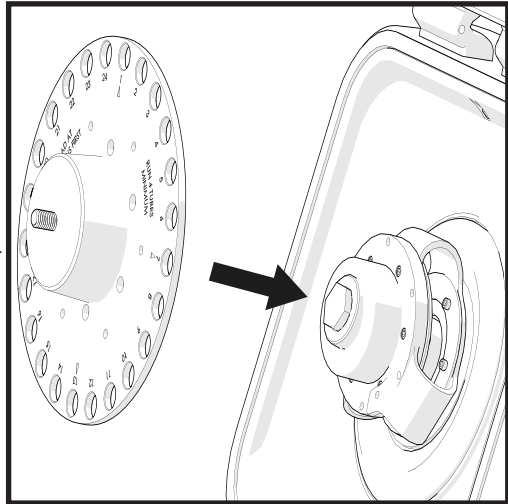
1. Locate Bead Ruptor Hub.



2. Remove 6 screws from the Hub with provided Allen key.



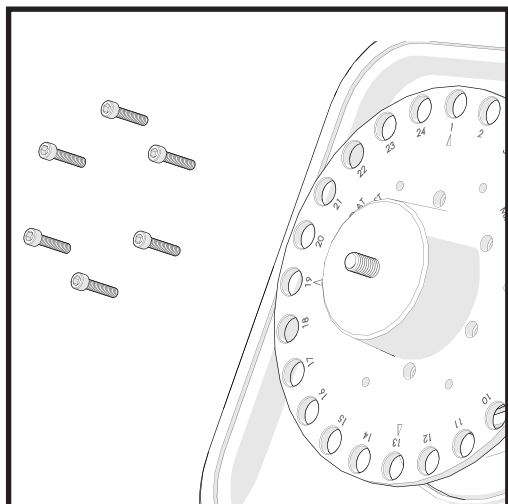
3. Remove the Bead Ruptor Hub.



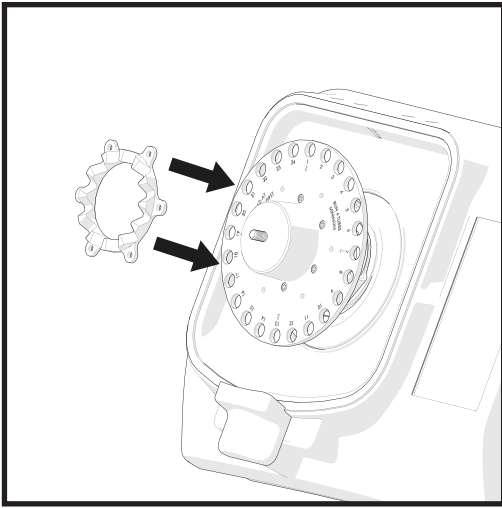
4. Place the 2 mL HT Hub.



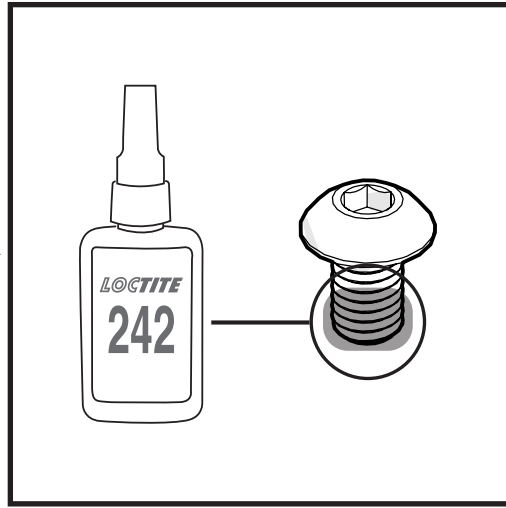
5. Apply Loctite adhesive to 8-32 x .75 screws before installing.



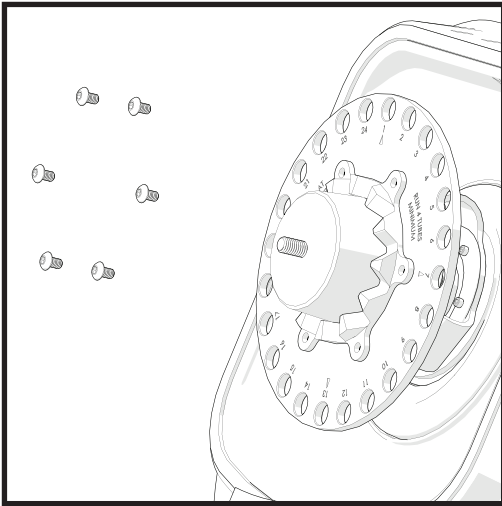
6. Insert 6 8-32 x .75 screws with the provided Allen key.



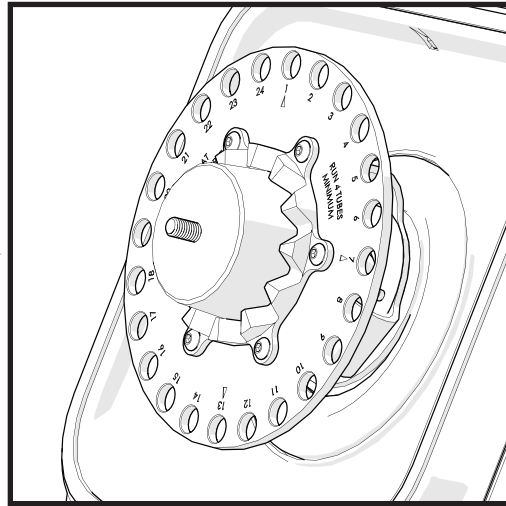
7. Place the HT Locking Ring onto the Tube Carriage plate.



8. Apply Loctite adhesive to 10-32 x .3125 screws before installing.

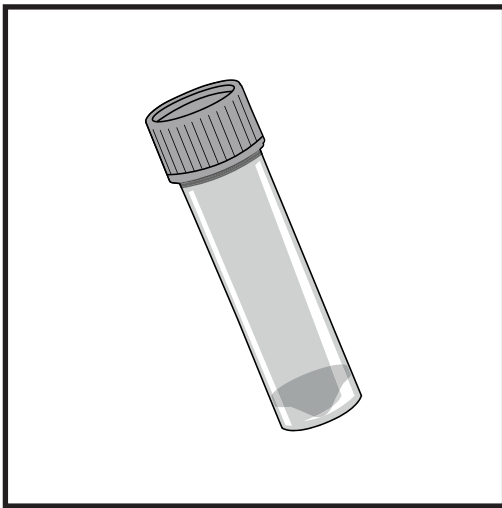


9. Insert 6 screws in to the HT Locking Ring with the provided Allen key.

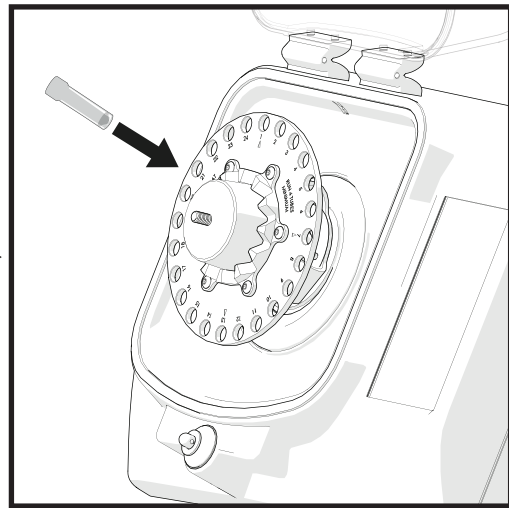


10. Conversion completed

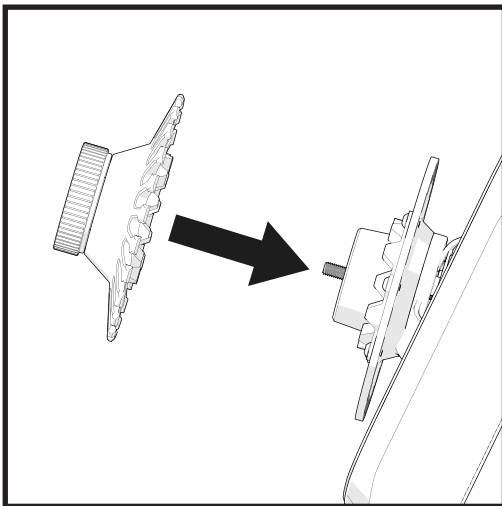
Loading Tubes



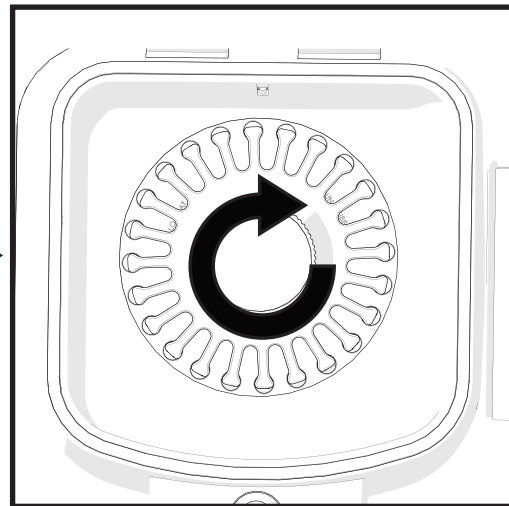
1. Fill tubes with material to be homogenized.



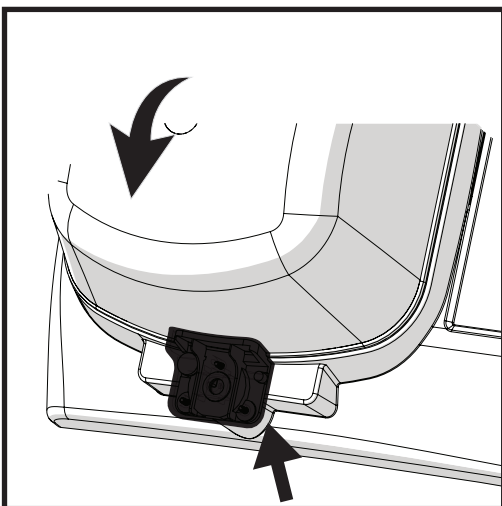
2. Load Tubes into the Tube Carriage Plate. A minimum of four tubes must be loaded in the tube carriage to ensure balance during processing. Positions 1, 7, 13 and 19 must be loaded first, then fill in remaining spaces.



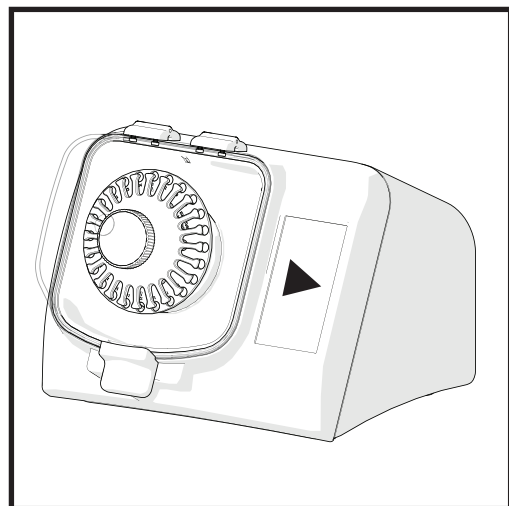
3. Place the Finger Plate on to the Tube Carriage Plate.



4. Turn handle clockwise until tight.



5. Close the lid until the locking handle clicks into place. **CAUTION:** The unit will not run without the lid fully closed.



6. Begin processing cycle.

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